

Title (en)
METHOD OF TERMINATING OPTICAL FIBRES

Publication
EP 0008941 B1 19821215 (EN)

Application
EP 79301823 A 19790905

Priority
US 94092678 A 19780911

Abstract (en)
[origin: EP0008941A1] An optical fibre is terminated by securing the fibre with adhesive (41) in a ferrule (16) having a radially deformable end portion (23) with a portion of the optical core (2) from which the cladding (4) has been removed protruding out from the end portion (23) and press fitting a rigid alignment socket (33) having a concentric bore (37) in a transverse end wall (36) onto the end portion (23) of the ferrule (16) with the core (2) received in the bore (37) so that the core (2) is concentric with the periphery of the end portion (23). The exposed portion of the core (2) is removed after the adhesive (41) has set together with the alignment socket (33) and the ferrule end portion (23) press fitted into a suitable bush also receiving a similarly terminated fibre.

IPC 1-7
G02B 7/26

IPC 8 full level
G02B 6/38 (2006.01)

CPC (source: EP)
G02B 6/3861 (2013.01); **G02B 6/3833** (2013.01); **G02B 6/3843** (2013.01); **G02B 6/3863** (2013.01)

Cited by
US4440469A; EP0052014A3; US4484796A; EP0912909A4; US4482201A; US2022043230A1; US12085773B2; US7713597B2; WO8103227A1; EP0063068B1

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